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(71) Applicant: MAZDA MOTOR CORP

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(72) Inventor: KUBOGAMI JIYUNJI

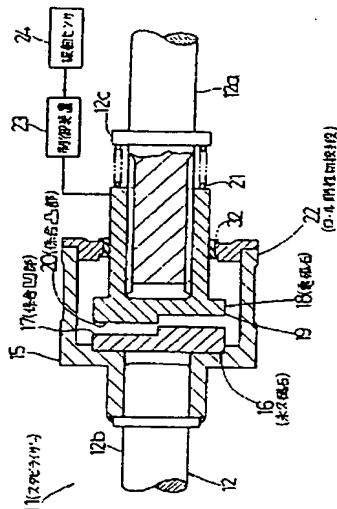
(54) STABILIZING DEVICE FOR VEHICLE

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(57) Abstract:

PURPOSE: To get improved comfortableness of ride on a bad road, by constituting to detect a condition of travelling road surface, to control a roll rigidity switching means in accordance with the detected result, and not to operate a stabilizer when travelling on the bad road.

CONSTITUTION: When an output from a vibration sensor 24, related to up and down vibration of a body, is input to a control device 23, the control device 23 judges a condition of travel road surface by the input signal level. If it judges the condition of the travel road surface is bad, it supplies an electric power to an electro-magnet 18 and also, lights a display lamp. By supply on the electric power to the electro-magnet 18, the electro-magnet 18 is magnetized and by its repelling power against a permanent magnet 16, engagement between both 18 and 16 is released and a stabilizer 11 is turned to non operative condition. Therefore, a spring constant of the stabilizer 11 is lessened so that the bad road vibration is hard to be transmitted to the body, thus, improved comfortableness of ride is achieved.



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